

FIG. 1

-393 TGGCCCTCGAGGCCAAGAAATTCGCACGAGGAGCGGGGAGCCAGAGCGCCAGGACCTCGCTGGCGCTCCAGCACCCAGACCGGTGGCGG -301

-300 CGCCTCGCCTTAGGGAAGAGCAAGGAAGAACTTTATTTGAACCGCGAACAATTTTGGTCACTGATCGAGTCTCCAGTGTCTTGGCTTCCCGCCTC -201

-200 TTATATCGTGGGTTTGATCCCTGAGCTGCTCTTCCGAAACCTCCCGGGGTGCAGCCCTAGAGCCCTCCCGCGGGCTGACTCCAGAGTAGAGGAAGGG -101

-100 AGCGGCGCTCCGGCTGGTCCCGCGAAGCCCTCGCTGCCCCGCGAGATGCGGATGGCCAGCCAGTAGCGGCGGTGGCCCCGCTCCCGGAGCGCACAGCA -1

1 ATG CAG GCG CTT AAC ATT ACC CCG GAG CAG TTC TCT CGG CTG CGG GAC CAC AAC CTG ACG CGG GAG CAG TTC 75

1 M Q A L N I T P E Q F S R L L R D H N L T R E Q F 25

76 ATC GCT CTG TAC CGG CTG CGA CCG CTC GTC TAC ACC CCA GAG CTG CCG GGA CGC GCC AAG CTG GCC CTC GTG CTC 150

26 I A L Y R L R P L V Y T P E L P G R A K L A L V L 50

151 ACC GGC GTG CTC ATC TTC GCC CTC GCG CTC TTT GGC AAT GCT CTG GTG TTC TAC GTG ACC CGC AGC AAG GCC 225

51 T G V L I F A L A L F G N A L V F Y V T R S K A 75

226 ATG CGC ACC GTG ACC AAC ATC TTT ATC TGC TCC TTG GCG CTC AGT GAC CTG CTC ATC ACC TTC TTC TGC ATT CCC 300

76 M R T V T N I F I C S L A L S D L L I T F C I P 100

301 GTC ACC ATG CTC CAG AAC ATT TCC GAC AAC TGG CTG GGG GGT GCT TTC ATT TGC AAG ATG GTG CCA TTT GTG CAG 375

101 V T M L Q N I S D N W L G G A F I C K M V P F V Q 125

376 TCT ACC GCT GTT GTG ACA GAA ATC CTC ACT ATG ACC TGC ATT GCT GTG GAA AGG CAC CAG GGA CTT GTG CAT CCT 450

126 S T A V V T E I L T M T C I A V E R H Q G L V H P 150

451 TTT AAA ATG AAG TGG CAA TAC ACC AAC CGA AGG GCT TTC ACA ATG CTA GGT GTG GTC TGG CTG GCA GTC ATC 525

151 F K M K W Q Y T N R R A F T M L G V W L V A V I 175

526 GTA GGA TCA CCC ATG TGG CAC GTG CAA CAA CTT GAG ATC AAA TAT GAC TTC CTA TAT GAA AAG GAA CAC ATC TGC 600

176 V G S P M W H V Q L E I K Y D F L Y E K E H I C 200

601 TGC TTA GAA GAG TGG ACC AGC CCT GTG CAC CAG AAG ATC TAC ACC ACC TTC ATC CTT GTG ATC CTC TTC CTC CTG 675

201 C L E E W T S P V H Q K I Y T T F I L V I L F L L 225

676 CCT CTT ATG ATG CTT ATT CTG TAC AGT AAA ATT GGT TAT GAA CTT TGG ATA AAG AAA AGA GTT GGG GAT GGT 750

226 P L M V M L I L Y S K I G Y E L W I K R V G D G 250

751 TCA GTG CTT CGA ACT ATT CAT GGA AAA GAA ATG TCC AAA ATA GCC AGG AAG AAA CGA GCT GTC ATT ATG ATG 825

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FIG. 1, cont.

251 S V L R T I H G K E M S K I A R K K K R A V I M 275
 826 GTG ACA GTG GTG GCT CTC TTT GCT GTG TGC TGG GCA CCA TTC CAT GTT GTC CAT ATG ATG ATT GAA TAC AGT AAT 900
 276 V T V V A L F A V C W A P F H V V H M M I E Y S N 300
 901 TTT GAA AAG GAA TAT GAT GAT GTC ACA ATC AAG ATG ATT TTT GCT ATC GTG CAA ATT ATT GGA TTT TCC AAC TCC 975
 301 F E K E Y D D V T I K M I F A I V Q I I G F S N S 325
 976 ATC TGT AAT CCC ATT GTC TAT GCA TTT ATG AAT GAA AAC TTC AAA AAA AAT GTT TTG TCT GCA GTT TGT TAT TGC 1050
 326 I C N P I V Y A F M N E N F K K N V L S A V C Y C 350
 1051 ATA GTA AAT AAA ACC TTC TCT CCA GCA CAA AGG CAT GCA AAT TCA GGA ATT ACA ATG ATG CGG AAG AAA GCA AAG 1125
 351 I V N K T F S P A Q R H G N S G I T M M R K A K 375
 1126 TTT TCC CTC AGA GAG AAT CCA GTG GAG GAA ACC AAA GGA GAA TTC AGT GAT GGC AAC ATT GAA GTC AAA TTG 1200
 376 F S L R E N P V E E T K G E A F S D G N I E V K L 400
 1201 TGT GAA CAG ACA GAG GAG AAG AAA AAG CTC AAA CGA CAT CTT GCT CTC TTT AGG TCT GAA CTG GCT GAG AAT TCT 1275
 401 C E Q T E E K K K L K R H L A L F R S E L A E N S 425
 1276 CCT TTA GAC AGT GGG CAT TAA TTATAACAAATATCTTCAATAAT 1317
 426 P L D S G H * 432

FIG. 1, cont.

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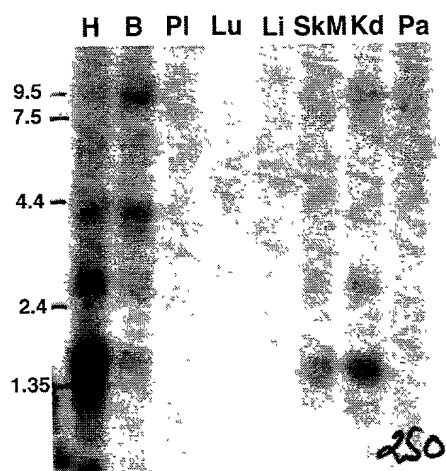
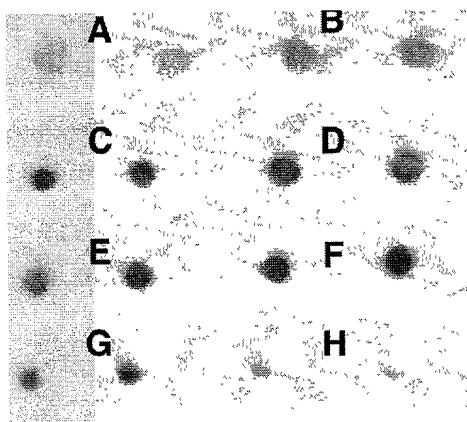


FIG. 2

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DIO probe



Control probe

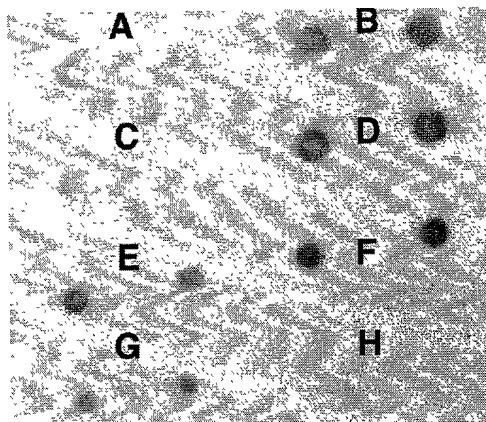


FIG. 3

[illegible]

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